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Date: November 9, 2009 File: 17421
To: USPTO Commissioner for Patents Fax Number: (571) 273-8300
From: Jeffrey S. Bergman/tlw
Pages Including 4
Cover:
RE: Revocation and Substitution of Power of Attorney

☐ URGENT ☐ FOR REVIEW ☐ PLEASE COMMENT ☐ PLEASE REPLY ☐ PLEASE RECYCLE

NOTES/COMMENTS:

1. Patent Application/Serial No.: 11/981,392
Patent No. 7,608,745
Attorney Docket No: 17421/068002
2. Patent Application/Serial No.: 10/202,702
Patent No. 6,759,562
Attorney Docket No: 17421/066001
3. Patent Application/Serial No.: 10/620,186
Patent No. 7,214,841
Attorney Docket No: 17421/069001

CONFIDENTIALITY NOTICE

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Name of Assignee: ABB LUMMUS GLOBAL INC.
Address of Assignee: 1515 Broad Street
Bloomfield, New Jersey 07003-3096

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

**REVOCATION AND SUBSTITUTION
OF POWER OF ATTORNEY UNDER 37 C.F.R. §1.36**

Dear Sir:

Pursuant to 37 C.F.R. §1.36, ABB LUMMUS GLOBAL INC., the assignee of the patent application listed on the attached APPENDIX A, revokes all previous powers of attorney in the patent applications listed on the attached APPENDIX A, hereby appoints the following attorneys and/or agents assigned to the Customer Number listed below to prosecute the patent applications listed on the attached APPENDIX A, and to transact all business in the U.S. Patent and Trademark Office connected therewith:

Customer Number 80911

Please direct all correspondence and telephone calls concerning the patent applications listed on the attached APPENDIX A to:

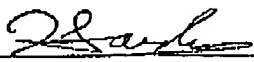
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Please direct telephone calls to: Jeffrey S. Bergman (713) 228-8600.

Please direct facsimiles to: (713) 228-8778.

The undersigned (whose title is supplied below) is empowered to sign this certificate on behalf of the above-identified assignee.

The undersigned hereby declares that all statements made herein of the undersigned's own knowledge are true, that all statements made on information and belief are believed to be true, and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code.

Signature:  Dated: 12 Oct 09
Printed Name: Helion H. Sardina
Title: General Manager

APPENDIX A

1. **Patent Application/Serial No.:** 11/981,392
Patent No. 7,608,745
Title: PROCESS FOR THE PRODUCTION OF
PROPYLENE AND ETHYLBENZENE FROM
DILUTE ETHYLENE STREAMS
Filed: October 31, 2007
Assignee(s): ABB LUMMUS GLOBAL INC.
Assignment Reel / Frame 014202/0221
Attorney Docket No: 17421/068002
2. **Patent Application/Serial No.:** 10/202,702
Patent No. 6,759,562
Title: OLEFIN PLANT RECOVERY SYSTEM
EMPLOYING A COMBINATION OF CATALYTIC
DISTILLATION AND FIXED BED CATALYTIC
STEPS
Filed: July 14, 2002
Assignee(s): ABB LUMMUS GLOBAL INC.
Assignment Reel / Frame 013312/0106
Attorney Docket No: 17421/066001
3. **Patent Application/Serial No.:** 10/620,186
Patent No. 7,214,841
Title: PROCESSING C4 OLEFIN STREAMS FOR THE
MAXIMUM PRODUCTION OF PROPYLENE
Filed: July 15, 2003
Assignee(s): ABB LUMMUS GLOBAL INC.
Assignment Reel / Frame 014691/0176
Attorney Docket No: 17421/069001